

Storm Data and Unusual Weather Phenomena - August 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
INDIANA, Northeast				
ST. JOSEPH COUNTY --- 0.7 N SOUTH BEND [41.68, -86.25]				
	08/19/14 14:05 EST		0	Thunderstorm Wind (EG 52 kt)
	08/19/14 14:06 EST		0	Source: Broadcast Media
Local media reported trees and power lines down in the Cleveland Road area.				
KOSCIUSKO COUNTY --- 2.8 S MILFORD [41.38, -85.85]				
	08/19/14 14:26 EST		0	Thunderstorm Wind (EG 55 kt)
	08/19/14 14:27 EST		0	Source: Broadcast Media
Three telephone poles were snapped over railroad tracks, briefly blocking them.				
LAGRANGE COUNTY --- 1.5 NNW PLATO [41.67, -85.34]				
	08/19/14 14:59 EST		0	Thunderstorm Wind (EG 55 kt)
	08/19/14 15:00 EST		0	Source: State Official
Local officials reported trees were blown down on East County Road 175 North.				
NOBLE COUNTY --- 0.7 N WOLCOTTVILLE [41.53, -85.37]				
	08/19/14 15:01 EST		0	Thunderstorm Wind (EG 55 kt)
	08/19/14 15:02 EST		0	Source: Public
The public reported a sycamore tree snapped halfway up.				
STEUBEN COUNTY --- 0.5 E MOONLIGHT BAY [41.58, -85.02]				
	08/19/14 15:24 EST		0	Thunderstorm Wind (EG 55 kt)
	08/19/14 15:25 EST		0	Source: Emergency Manager
Emergency management officials power line down as well as a large tree on Waymire Road.				
ALLEN COUNTY --- 1.7 NW GREENDALE [41.12, -85.14]				
	08/19/14 15:49 EST		0	Hail (0.75 in)
	08/19/14 15:50 EST		0	Source: Public
HUNTINGTON COUNTY --- 2.2 WNW ANDREWS [40.86, -85.64]				
	08/19/14 19:56 EST		0	Thunderstorm Wind (EG 55 kt)
	08/19/14 19:57 EST		0	Source: Emergency Manager
Emergency management officials reported a tree was blown down, blocking County Road 1000 West, north of 250 North.				
HUNTINGTON COUNTY --- 2.8 N ANDREWS [40.89, -85.59]				
	08/19/14 20:00 EST		0	Thunderstorm Wind (EG 55 kt)
	08/19/14 20:01 EST		0	Source: Emergency Manager
Emergency management officials reported two trees down.				
A cold front moved through the region during the afternoon and evening hours with moderate instability in place ahead of the front. An upper level disturbance aided in enhancement of showers and thunderstorms that developed. Sporadic wind damage was reported across northern Indiana.				
STARKE COUNTY --- 2.5 WSW BREMS [41.31, -86.74]				
	08/21/14 17:05 CST		0	Thunderstorm Wind (EG 55 kt)
	08/21/14 17:06 CST		0	Source: State Official
County officials reported a large tree was blown down at the intersection of State Routes 8 and 39.				
PULASKI COUNTY --- 3.5 S PULASKI [40.92, -86.66]				

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	08/21/14 17:40 CST		0	Thunderstorm Wind (EG 53 kt)
	08/21/14 17:41 CST		0	Source: Trained Spotter

A trained spotter reported a 14 inch diameter tree was blown down.

BLACKFORD COUNTY --- 3.7 WNW ROLL [40.56, -85.45], 2.0 SE TRENTON [40.43, -85.21], 3.5 ESE MILLGROVE [40.38, -85.22], 0.9 NNE SHAMROCK LAKES [40.43, -85.42], 1.6 SSW RENNER [40.45, -85.45]

08/22/14 02:18 EST	0	Flash Flood (due to Heavy Rain)
08/22/14 10:45 EST	0	Source: Emergency Manager

Six to locally over 10 inches of rain fell in a several hour period across mainly southern parts of the county. Many county and state roads were closed due to several feet of water flowing over roadways. Numerous vehicles were stranded in flood waters with rescues needed. A CoCoRaHS site northwest of Hartford City recorded 10.63 inches of rain.

GRANT COUNTY --- 0.2 N LANDESS [40.62, -85.55], 1.6 SE FARRVILLE [40.56, -85.45], 1.8 E UPLAND [40.47, -85.45], 0.8 NE HOME CORNER [40.53, -85.64]

08/22/14 04:58 EST	0	Flash Flood (due to Heavy Rain)
08/22/14 10:45 EST	0	Source: Newspaper

Six to eight inches of rain fell over a six hour period, from Marion southeast to the county line. Numerous vehicles were stranded in high water with several feet of water flowing over local roads. A two mile stretch of Interstate 69, between mile markers 263 and 265, was closed in both directions for several hours due to high flowing water. No injuries or fatalities were reported as a result of the flooding.

A weak upper level system dropped southeast across the region. A stationary boundary extended west to east across the area. Three rounds of thunderstorms developed either across the area or upstream in Illinois and tracked southeast along the front. Precipitable water exceeded 2 inches allowing for a very moist atmosphere and efficient rain producing thunderstorms. The first round produced isolated severe weather in Starke and Pulaski County with the threat quickly transitioning to heavy rain and flooding. The hardest hit area for rainfall was across Grant, Blackford and Jay counties where a swath of 8 to 10 inches of rain fell with locally higher amounts. There were numerous water rescues and a portion of Interstate 69 in Grant County was closed in both directions due to flood waters.

ST. JOSEPH COUNTY --- 0.5 W GLENWOOD [41.67, -86.08]

08/25/14 15:11 EST	0	Thunderstorm Wind (EG 50 kt)
08/25/14 15:12 EST	0	Source: Broadcast Media

Local media reported large tree limbs were blown down in the town of Osceola.

HUNTINGTON COUNTY --- 0.9 SE MT ETNA [40.74, -85.56]

08/25/14 17:43 EST	0	Thunderstorm Wind (MG 57 kt)
08/25/14 17:44 EST	0	Source: Emergency Manager

Emergency management officials reported several trees down across the town. The entire town was without power. Local officials measured a 66 mph wind gusts.

HUNTINGTON COUNTY --- 1.6 E LANCASTER [40.75, -85.47]

08/25/14 17:43 EST	0	Thunderstorm Wind (EG 56 kt)
08/25/14 17:44 EST	0	Source: Emergency Manager

Emergency management officials reported a two foot diameter tree was snapped off at the ground by strong winds.

A moderately unstable, but weakly sheared atmosphere was in place across the southern Great Lakes. Thunderstorms moved out of Illinois into Indiana, with a few of these storms becoming briefly severe.

LA PORTE COUNTY --- 0.7 N KINGSBURY [41.53, -86.70]

08/26/14 07:21 CST	0	Thunderstorm Wind (EG 55 kt)
08/26/14 07:22 CST	0	Source: State Official

County dispatch reported multiple trees down on County Road 500 South.

LA PORTE COUNTY --- 2.1 W STILLWELL [41.55, -86.64]

08/26/14 07:34 CST	0	Thunderstorm Wind (EG 50 kt)
08/26/14 07:35 CST	0	Source: Public

The public reported a large tree limb fell onto a deck.

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ST. JOSEPH COUNTY --- 3.2 SSE NUTWOOD [41.56, -86.25]				
	08/26/14 10:00 EST		0	Lightning
	08/26/14 10:01 EST	1	0	Source: Broadcast Media

Local media reported a 51 year old man was struck by lightning while working outside prior to the arrival of a thunderstorms. The gentleman complained of a headache and sore shoulders, but suffered no serious injuries and was able to call for help on his own .

A moderately unstable, but weakly sheared atmosphere was in place across the southern Great Lakes. A broken line of strong to locally severe thunderstorms moved across portions of northern Indiana with isolated severe weather.

LAKE MICHIGAN

MICHIGAN CITY IN TO NEW BUFFALO MI COUNTY --- 9.5 W NEW BUFFALO HARBOR [41.76, -86.93]				
	08/19/14 13:35 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	08/19/14 13:36 EST		0	Source: Buoy
MICHIGAN CITY IN TO NEW BUFFALO MI COUNTY --- MICHIGAN CITY C-MAN STATION (MCYI3) [41.73, -86.91]				
	08/19/14 13:35 EST		0	Marine Thunderstorm Wind (MG 49 kt)
	08/19/14 13:36 EST		0	Source: C-MAN Station

A 42 mph wind gust was recorded by a buoy offshore from Michigan City.

NEW BUFFALO TO ST JOSEPH MI COUNTY --- ST JOSEPH BUOY (45026) [41.98, -86.62]				
	08/19/14 13:50 EST		0	Marine Thunderstorm Wind (MG 47 kt)
	08/19/14 13:51 EST		0	Source: Buoy

A 54 mph wind gust was recorded by a buoy offshore from the Cook Nuclear Plant.

NEW BUFFALO TO ST JOSEPH MI COUNTY --- ST JOSEPH GLOS STATION (SJOM4) [42.10, -86.49]				
	08/19/14 13:51 EST		0	Marine Thunderstorm Wind (MG 51 kt)
	08/19/14 13:52 EST		0	Source: C-MAN Station

A 59 mph wind gust was recorded by the St. Joseph marine weather station.

A cold front moved through the region during the afternoon and evening hours with moderate instability in place ahead of the front. An upper level disturbance aided in enhancement of showers and thunderstorms that developed with isolated strong wind gusts over Lake Michigan.

MICHIGAN, Extreme Southwest

ST. JOSEPH COUNTY --- STURGIS [41.80, -85.42]				
	08/19/14 15:15 EST		0	Thunderstorm Wind (EG 55 kt)
	08/19/14 15:16 EST		0	Source: Amateur Radio

Amateur radio operators reported a large tree was blown down.

BRANCH COUNTY --- KINDERHOOK [41.80, -85.00]				
	08/19/14 15:35 EST		0	Thunderstorm Wind (EG 50 kt)
	08/19/14 15:36 EST		0	Source: Emergency Manager

Emergency management officials reported power lines down in the area from strong winds and impacts of tree limbs.

HILLSDALE COUNTY --- 0.5 W MOSCOW [42.05, -84.51]				
	08/19/14 16:00 EST		0	Thunderstorm Wind (EG 55 kt)
	08/19/14 16:01 EST		0	Source: Emergency Manager

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Emergency management officials reported four trees were blown down as well as some power lines across the northern part of the county.				
A cold front moved through the region during the afternoon and evening hours with moderate instability in place ahead of the front. An upper level disturbance aided in enhancement of showers and thunderstorms that developed. Sporadic wind damage was reported across far southern Lower Michigan.				

OHIO, Northwest

FULTON COUNTY --- 1.7 SW BRAILEY [41.53, -83.94]				
	08/19/14 17:00 EST	0		Thunderstorm Wind (EG 55 kt)
	08/19/14 17:01 EST	0		Source: Amateur Radio

Amateur radio operators reported the intersection of County Road 3 and E were closed due to down power lines and poles.

A cold front moved through the region during the afternoon and evening hours with moderate instability in place ahead of the front. An upper level disturbance aided in enhancement of showers and thunderstorms that developed. Sporadic wind damage was reported across northwestern Ohio.